

(19) World Intellectual Property
Organization
International Bureau



11 FEB 2005



(43) International Publication Date
26 February 2004 (26.02.2004)

PCT

(10) International Publication Number
WO 2004/016633 A1

(51) International Patent Classification⁷: **C07H 17/00, A61K 31/70**

(21) International Application Number:
PCT/GB2003/003562

(22) International Filing Date: 14 August 2003 (14.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0218811.8 14 August 2002 (14.08.2002) GB

(71) Applicant (for all designated States except US): **CENES LIMITED** [GB/GB]; Compass House, Vision Park, Chivers Way, Histon, Cambridge CB4 9ZR (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **GRAHAM, John, Aitken** [GB/GB]; CeNeS Limited, Compass House, Vision Park, Chivers Way, Histon, Cambridge CB4 9ZR (GB).

(74) Agent: **DAVIES, Jonathan, Mark**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

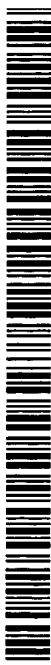
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SALT OF MORPHINE-6-GLUCURONIDE

(57) **Abstract:** The hydrobromide salt of morphine-6- β -D-glucuronide (M6G.HBr) is surprisingly stable compared to other M6G salts and M6G base. Use of M6G.HBr as a medicament, in particular as an analgesic, and methods of making M6G.HBr are described.



WO 2004/016633 A1